

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA4030NM

This certificate, issued to Firewall Forward, Inc.

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product — Type Certificate Number: A20CE
Make: Cessna Aircraft Company
Model: 177RG

Description of Type Design Change:

Installation of Lycoming IO-360-A1B6D or IO-360-A1B6 engine modified in accordance with the FAA approved Firewall Forward, Inc., STC SE2741NM and Report No. 2, dated July 18, 1988, or later FAA approved revision.

Limitations and Conditions:

1. FAA approved Airplane Flight Manual Supplement for Cessna Model 177RG, dated August 25, 1988 or later FAA approved revision is required.
2. This installation is limited to Cessna Model 177RG aircraft with McCauley propeller models B2D34C206/78TA or B2D34C207/78TCA. Diameter limits: 78 inches maximum, 76.5 inches minimum.
3. (See Continuation Sheet, Page 3 of 3 pages.)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: November 23, 1987

Date issued:

Date of issuance: August 25, 1988

Date amended: June 22, 1993



By direction of the Administrator

Roger P. Chudy
ROGER P. CHUDY (Signature) Acting Manager
Denver Aircraft Certification Field Office
Northwest Mountain Region, Denver, Colorado
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

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(Continuation Sheet)

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LIMITATIONS AND CONDITIONS:

3. Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to aircraft on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of the aircraft. A copy of this Certificate must be maintained as part of the permanent records for the modified aircraft.

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.